

WHAT IS CLAIMED IS:

1. A communication apparatus comprising:
an instruction means for instructing a
communication partner to transmit data having a
5 designated data length; and
a discrimination means for discriminating a
status of the communication apparatus,
wherein the instruction means instructs the
communication partner to interrupt data transmission
10 by setting the designated data length to a
predetermined length in accordance with a result of
discrimination by the discrimination means.
2. A communication apparatus according to claim
15 1,
wherein the instruction means instructs the
communication partner to interrupt the data
transmission by setting the designated data length to
zero in accordance with the result of the
20 discrimination by the discrimination means.
3. A communication apparatus according to claim
1,
wherein the discrimination means discriminates
25 a storage capacity of a memory for storing data
received from the communication partner.

4. A communication apparatus according to claim
1,

wherein the discrimination means discriminates
whether an amount of data stored in a memory exceeds
5 a predetermined value, and

the instruction means sets the designated data
length to zero in accordance with the result of the
discrimination.

10 5. A communication apparatus according to claim
1,

wherein the instruction means instructs the
communication partner to perform the data
transmission based on a predetermined profile
15 procedure of the Bluetooth standard.

6. A communication apparatus according to claim
5,

wherein the predetermined profile procedure is
20 the Advanced Image Printing defined in the Basic
Imaging Profile of the Bluetooth standard.

7. A communication apparatus according to claim
1, further comprising:

25 a storage means for storing a data list
received from the communication partner;

a judgment means for judging whether every data

contained in the data list is acquired;

a detection means for detecting a data output error in the communication apparatus; and

a disconnection request halt means for halting
5 transmission of a disconnection request requesting
disconnection of communication with the communication
partner in accordance with a result of judgment by
the judgment means and a result of detection by the
detection means.

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8. A communication apparatus according to claim
1, further comprising:

a detection means for detecting a data output
error in the communication apparatus; and

15 an instruction halt means for halting an
instruction of the instruction means a result of
detection by the detection means.

9. A communication apparatus according to claim
20 1, further comprising:

a detection means for detecting a data output
error in the communication apparatus and removal of
the error,

wherein the instruction means instructs the
25 communication partner to perform the data
transmission from data following already received
data in accordance with a result of error removal

detection by the detection means.

10. A communication apparatus according to claim 1, further comprising:

5 a detection means for detecting a data output error in the communication apparatus and removal of the error,

 wherein the instruction means instructs the communication partner to perform the data
10 transmission from a start of data under reception in accordance with a result of error removal detection by the detection means.

11. A communication apparatus according to
15 claim 1, further comprising:

 a detection means for detecting a data output error in communication apparatus and removal of the error; and

 a judgment means for, when the detection means
20 detects the error, judging whether already received data is lost,

 wherein the instruction means instructs the communication partner to perform the data
transmission from a start of data under reception in
25 accordance with a result the judgment by the judgment means and a result of error removal detection by the detection means.

12. A communication apparatus according to claim 1, further comprising:

a detection means for detecting a data output error in the communication apparatus and removal of
5 the error; and

a judgment means for a type of the error defected by the detection means

wherein the instruction means instructs the communication partner to perform the data
10 transmission from a start of data under reception in accordance with a result of judgment by the judgment means and a result of error removal detection by the detection means.

15 13. A communication method for a communication apparatus, comprising:

notifying a communication partner about a transmission data length; and

discriminating a status of the communication
20 apparatus,

wherein the transmission data length that the communication partner is notified about is set at a predetermined length in accordance with a result of the discrimination.

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